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ABSTRACT

A rectifier bridge assembly includes a rectifier bridge circuit adapted to connect to at least one alternating current source with at least two diode compartments operatively connected to the rectifier bridge circuit and a direct
5 current output to convert alternating current into direct current. A heat sink is formed with at least two apertures for receiving the at least two diode compartments in spaced apart relation and in substantial contact with the heat sink, wherein heat from the diode compartments is evenly dispersed to the heat sink.